

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 10-263336

(43)Date of publication of application : 06.10.1998

(51)Int.Cl.

B01D 39/20

B01D 39/12

B01D 46/24

B60R 21/26

(21)Application number : 09-072985

(71)Applicant : **NIPPON KAYAKU CO LTD**
SENSOR TECHNOL KK

(22)Date of filing : 26.03.1997

(72)Inventor : **SUEHIRO AKIHIKO**
UEMURA MASA AKI

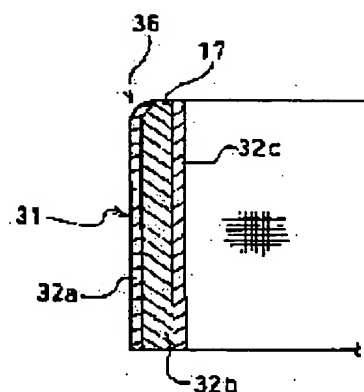
(54) FILTER FOR GAS GENERATOR

(57)Abstract:

PROBLEM TO BE SOLVED: To enhance the adhesion property of a filter for a gas generator of an air bag device for automobiles to a container and to enhance the slag capturing efficiency thereof by press forming the end face part existing in the corner part of the inside surface of the container of the filter formed to a cylindrical shape by laminating plural wire nets and compressing the curved surface part.

SOLUTION: This sintered filter 31 comprises three layers of wire net layers consisting of an outer layer 32a, an intermediate layer 32b and an inner layer 32c. The curved surface 36 is formed at the apex of its outside surface. The curved surface 36 is so press formed as to be formed as the curved surface flush with the curved surface in the corner part on the inner side of the container of the gas generator, by which the end 17 subjected to curving is made into the dense structure densely superposed with the compressed

wire nets on each other and is made more impermeable of gases than the other filter body part. The outer layer 32a and inner layer 32c among the three layers of the sintered filter 31 are formed of two sheets of the relatively coarse meshed wire nets and the intermediate layer 32b is formed of three sheets of the relatively fine meshed wire nets, by which the strength over the entire part of the filter is enhanced and the filtration performance is improved.



LEGAL STATUS

[Date of request for examination] 13.02.2003

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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